MYERS BIGEL SIBLEY & SAJOVEC

MBS&S

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4140 Parklake Avenue, Suite 600, Raleigh, NC 27612
P.O. Box 37428, Raleigh, NC 27627
919-854-1400
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1 JUN 2007

TELECOPIER TRANSMISSION COVER SHEET

Legal Staff International Division

Date: June 1, 2007

File Number: 9052-241

Telecopier No.: 571-273-0459

Telephone No.: 571-272-3302

To:

James Thomson Attorney Advisory

Office of PCT Legal Administration

U.S. Patent and Trademark Office

From:

Susan E. Freedman for Shawna Cannon Lemon

Number of Pages: 15

Return fax to: sef

If there is a problem with this transmission, please call (919) 854-1400. Our fax number is (919) 854-1401.

Mr. Thomson:

Per our telephone conversation today, attached are copies of the following documents filed May 10, 2007, responsive to your Decision on Petition in USSN 10/572,975:

- 1. Response to Decision on Petition Under 37 CFR 1.42 (1 page);
- 2. Declaration and Power of Attorney for Patent Application (7 pages);
- 3. Application Data Sheet (5 pages); and
- 4. Stamped Postcard Receipt.

Thank you for your consideration.

CERTIFICATION OF FACSIMILE TRANSMISSION UNDER 37 CFR § 1.8

I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office via facsimile number 571-273-0459 on June 1, 2007.

Susan E. Freedman

Date of Signature: June 1, 2007

Confidentiality Note

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Attorney Docket No. 9052-241

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Clark et al.

Confirmation No. 4577

Serial No.: 10/572,975

PCT No.: PCT/GB2004/004054 Int. Filing Date: 23 September 2004 Priority Date: 23 September 2003

For: EXCRETABLE REPORTER SYSTEMS

May 10, 2007

Mail Stop PCT Commissioner for Patents Office of PCT Legal Administration P. O. Box 1450 Alexandria, VA 22313-1450



RESPONSE TO DECISION ON PETITION UNDER 37 CFR 1.42

Sir:

Responsive to the Decision on Petition Under 37 CFR 1.42 dated April 25, 2007 (hereinafter, "Decision"), Applicant notes that Helen Elizabeth Clark is the legal representative of the estate of Anthony John Clark. Applicant further notes that information pertaining to Anthony John Clark is provided on documents concurrently submitted herewith. More specifically, the following documents are attached responsive to the Decision:

- > Declaration and Power of Attorney for Patent Application; and
- ► Application Data Sheet 37 CFR 1.76.

No fee is believed due; however, the Commissioner is hereby authorized to charge any deficiency or credit any refund to Deposit Account No. 50-0220.

Respectfully submitted.

Shawna Cannon Lemon Registration No. 53,888

Customer Number 20792
Myers Bigel Sibley & Sajovec, P.A.
P.O. Box 37428
Raleigh, NC 27627
919-854-1400
919-854-1401 (Fax)

CERTIFICATE OF EXPRESS MAILING

Express Mail Label No. EV 887524558 US

Date of Deposit: May 10, 2007

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1448

Susan E. Freedman

Date of Signature: May 10, 2007

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:



My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled EXCRETABLE REPORTER SYSTEMS, the specification of which

is attached hereto	
OR	
was filed on September 23, 2004 as PCT International Application Number	T
PCT/GB2004/004054, and was amended on (if applicable).	•
I hereby state that I have reviewed and understand the contents of the above-ide specification, including the claims, as amended by any amendment specifically above.	entified referred to

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information that became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or (f), or § 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

PCT/GB2004/004054	WIPO	09/23/2004	⊠ Yes □ No
Number	Country	MM/DD/YYYY Filed	Priority Claimed
0322196.7	Great Britain	09/23/2003	⊠ Yes □ No
Number	Country	MM/DD/YYYY Filed	Priority Claimed
			Thoras Claimed

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

None	
Application Number(s)	Filing Date (MM/DD/YYYY)
Application Number(s)	Filing Date (MM/DD/YYYY)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or §365(c) of any PCT international application designating the United States of America, listed below.

PCT/GB2004/004054	09/23/2004	Pending
Application No.	Filing Date	Status Patented/Pending/Abandoned
Application No.	Filing Date	Status Patented/Pending/Abandoned
Application No.	Filing Date	Status Patented/Pending/Abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following registered attorney(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. I also appoint the following registered attorney(s) to represent me before all competent International Authorities in connection with any and all international

applications filed by me with an appropriate receiving office claiming priority to the U.S. application. I also appoint the following registered attorney(s) to make or receive payment on my behalf in connection with the filing of such international applications.

Customer No. 20792

Send correspondence to:

Customer No. 20792

Myers Bigel Sibley & Sajovec, P.A.

P. O. Box 37428

Raleigh, North Carolina 27627 Telephone: (919) 854-1400 Facsimile: (919) 854-1401

Direct telephone calls to:

Shawna Cannon Lemon

Facsimile:

(919) 854-1400 (919) 854-1401

Full name of first inventor:

Anthony John Clark (Deceased)

Signature of Inventor's Legal Representative:

Helen Elizabeth Clark

Legal Representative of the Estate of Anthony John Clark

Date: 27 4 06

Residence:

United Kingdom

Citizenship:

United Kingdom

Mailing Address:

Roslin Institute (Edinburgh), Roslin Biocentre

Midlothian Scotland EH25 9PS

Full name of second inventor: Charles Roland Wolf

Inventor's

Signature:

Date: 4 APRIL 2006

Residence:

United Kingdom

Citizenship:

United Kingdom

Mailing Address:

CXR Biosciences Ltd. James Lindsay Place Dundee Technopole

Dundee, Scotland DD1 5JJ

Full name of third inventor:

Christopher Bruce Alexander Whitelaw

Inventor's

JUN. 1. 2007 11:04AM

Signature:

کے Date:

25/4/2006

Residence:

United Kingdom

Citizenship:

United Kingdom

Mailing Address:

Roslin Institute (Edinburgh), Roslin Biocentre

Midlothian Scotland EH25 9PS

NO. 1108 P. 8

UN. 1. 2007 11:04AM 919-854-1401 MBS&S

ATTORNEY DOCKET NO. 9052-241

Full name of fourth inventor:

Kenneth Brown

Inventor's

Signature:

Date

5 April Of

Residence:

United Kingdom

Citizenship:

United Kingdom

Mailing Address:

CXR Biosciences Ltd. James Lindsay Place Dundee Technopole

Dundee, Scotland DD1 5JJ

Full name of fifth inventor:

Simon Martin Temperley

Date:

5th APRIL 200C

Inventor's

Residence:

Signature:

United Kingdom

Citizenship:

United Kingdom

Mailing Address:

CXR Biosciences Ltd. James Lindsay Place Dundee Technopole Dundee, Scotland DD1 5JJ

Full name of fifth inventor:

Simon Martin Temperley

Inventor's

Signature: _

Date:

5th APRIL 200C

Residence:

Citizenship:

United Kingdom

United Kingdom

Mailing Address:

CXR Biosciences Ltd. James Lindsay Place Dundee Technopole

Dundee, Scotland DD1 5JJ

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U.S. Pat Under the Paperwork Reduc. ... Act of 1995, no persons are required to respond to a collect., . of Information unless it contains a valid OMB control number.

Application Da	ita Sheet 37 CFR 1,76	Attorney Docket Number	9052-241
- Applied doll De	The officer of the first	Application Number	10/572,975
Title of Invention	EXCRETABLE REPORTER S	SYSTEMS	COPY

The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.

Secr	ecy Order 3	7 CFR 5.2									
☐ P	ortions or all of the 7 CFR 5.2 (Pape	application asso er filers only. Ap	ciate plicat	d with this Ap	pplicat I unde	tion Da	ata Shee ecy Ord	t may fa	all und	er a Secrecy Order pur filed electronically.)	rsuant to
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Appli	cant 1										
Appli	cant Authority	Inventor OL	_egal	Representativ	ve und	er 35 l	J.S.C. 11	7 (Part	y of Interest under 35 U.S	.C. 118
If app	licant is not an in	ventor, indicate	the a	authority to f	ile for	the pa	tent on	behalf o	f the i	nventor, the inventor is	:
	Deceased										
Prefix	Given Name			Middle Na	me			Famil	y Nan	ne	Suffix
	Anthony			John				Clark			
Resid	ience Informatio	n (Select One)	Ö	US Residence	Э у (No	n US Re	sidency	0	Active US Military Service	}
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Preflx	Given Name			Middle Na	me			Family	y Nan	ne	Suffix
	Helen		Ī	Elizabeth		-		Clark			
Resid	ence information	of the Invento	or's F	Representat	live;		 1				·
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Applic	ant 2										
	ant Authority 🕑	Inventor OLe	egal R	Representativo	e unde	r 35 U	.S.C. 117	, C	Party	of Interest under 35 U.S.	C. 118
Prefix				Middle Nar	ne		T	Family			Suffix
	Charles		\dashv	Roland				Wolf			

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U.S. Pate: Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduct. Act of 1995, no persons are required to respond to a collection. Information unless it contains a valid OMB control number.

Appl	ication Da	ta Sheet 37 (CFR 1	1.76	Atton	1ey Doc	KET IN	umber	905	2-241	
			_		Applic	cation N	umbe	∋ Γ	10/	572,975	
Title o	f Invention	EXCRETABLE F	REPOR	RTER S	YSTEM	IS					·
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Mailin	g Address o	f Applicant:					-				-
Addre	ss 1	CXR Biosc	iences	Ltd.							
Addre	ss 2	James Ling	dsay, D	undee	Techno	pole		-			·
City	Dundee	, Scotland					State	e/Provir	nce		
Postal	Code	DD1 5JJ		•	***	Coun	itryi	GB			
Applic	ant 3						_				
Applic	ant Authorit	y • Inventor (Lega	al Repr	esentati	ve under	35 L	J.S.C. 11	7	OParty of interest under 35 U.S.	C. 118
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Addres		Roslin Instit	ute (Ed	inburg	h)			_			
Addres		Roslin Bioc	entre								-
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	ant Authority)Lega	l Repre	esentativ	ve under	35 U	.\$.C. 117	7	OParty of Interest under 35 U.S.0	C. 118
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	Kenneth								Brown	n	
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Addres		James Linds	say Pla	ce, Du	ndee Te	chnopole		···			
City	Dundee,						State	/Province	ce		
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	Simon			Mart					Temp	erley	
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NO. 1108 P. 1201-102-17 Approved for use through 02/29/2007. OMB 0651-0032

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Application Data	Sheet 37 CER	1 76	Attorney	Docket Numb	er 9052-2	241		
Application bata	Officer 37 OF N		Application	n Number	10/5	72,975	-	
Title of Invention E	XCRETABLE REPO	ORTER S	SYSTEMS					
City Dundee, Scotlar	nd	Count	ry Of Resid	dencei GB				
Citizenship under 37	CFR 1.41(b) i	GB						
Mailing Address of A	pplicant:							
Address 1	es Ltd.							
Address 2	James Lindsay	Place, D	undee Tech	nopole				
City Dundee, So	cotland			State/Pro	ovince			
Postal Code	DD1 5JJ			Countryi GE				
All Inventors Must B generated within this for	e Listed - Addit orm by selecting t	ional In the Add	ventor Info	rmation bloc	ks may be			
Correspondence	e Informatio	n:						
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An Address is be	eing provided fo	r the co	rresponde	nce informat	ion of this	application.		
Customer Number	20792						***	
Email Address	slemon@my	ersbigel.	com		•	WATER VI	Renevel nad	
Application Info	rmation:					and the second of the second o		
Title of the Invention	EXCRETAB	LE REPO	ORTER SYS	TEMS				
Attorney Docket Num	iber 9052-241			Small	Small Entity Status Claimed			
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Subject Matter	Utility					·		
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and certify that the application filed in after filing.	e invention discio	sea in t	ne attached	application ha	as not been	and will not be th	e subject of an	
					*		/	

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Enter either Customer Number or complete the Representative Name section below. If both sections are completed the Customer Number will be used for the Representative Information during processing.

Approved for use through 02/28/2007. OMB 0651-0032 Ind Trademark Office; U.S. DEPARTMENT OF COMMERCE U.\$. P

Application Dat	a Sheet 37 CFR 1.76	Attorney Docket Number	9052-241 10/572,975	
Application Date	a Sileet ST CFR 1.76	Application Number		
Title of Invention	EXCRETABLE REPORTER S	YSTEMS		
Please Select One:	Customer Number	US Patent Practitioner	US Representative (37 CFR 11.9	

Domestic Priority Information:

This section allows for the applicant to claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c). Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78(a)(2) or CFR 1.78(a) (4), and need not otherwise be made part of the specification.

		METAVA
Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
a 371 of International	PCTGB2004004054	2004-09-23
_	a 371 of International	

Foreign Priority Information:

This section allows for the applicant to claim benefit of foreign priority and to identify any prior foreign application for which priority is not claimed. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55(a).

			eige
Application Number	Country i	Parent Filing Date (YYYY-MM-DD)	Priority Claimed
0322196.7	EP	2003-09-23	• Yes O No
Additional Foreign Priority Add button.	Data may be generated with	nin this form by selecting the	

Assignee Information:

Providing this information of the CFR to have an as	n in the application data sheet does n ssignment recorded in the Office.	ot substitute for compliance w	rith any requirement of part 3 of Title 37					
Assignee 1								
If the Assignee is an C	Organization check here.							
Organization Name								
Mailing Address Info	rmation:							
Address 1	Address 1 Roslin Biocentre							
Address 2								
City	Midlothlan, Scotland	State/Province						
Country GB		Postal Code	EH25 9PS					
Phone Number		Fax Number						
Email Address		·						
Assignee 2								
If the Assignee is an C	Organization check here.							

NO. 1108 Approved for use through 02/28/2007. OMB 0851-0032

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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	9052-241	
		Application Number	10/572,975	
Title of Invention	EXCRETABLE REPORTER SYSTEMS			

Organization Name	CXR Biosciences Limited				
Malling Address Info	ormation:				
Address 1	James Lindsay Place				
Address 2	Dundee Technopole	oundee Technopole			
City	Dundee, Scotland	State/Province	·		
Country i GB		Postal Code	DD1 5JJ		
Phone Number		Fax Number			
Email Address					
Additional Assignee I button.	Data may be generated within the	his form by selecting the Ac	id		

Signature:

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the form of the signature.									
Signature	Show thinks			Date (YYYY-MM-DD)	2007-05-10				
First Name	Shawna	Last Name	Cannon Lemon	Registration Number	53888				

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application, Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



EV 887524558 US

SCL:sef

9052-241 May 10, 2007

Mail Stop PCT Commissioner for Patents 15-17-07 A09:00 IN Office of PCT Legal Administration P.O. Box 1450

Alexandria, VA 22313-1450 Rec'd PCT/PTO 10 MAY 2007.

Sir: Kindly acknowledge receipt of the accompanying by placing your

receiving date stamp hereon and mailing:

Response to Decision on Petition Under 37 CFR 1.42; Declaration and Power of Attorney for Patent Application (7 pages); Application Data Sheet (5 pages); In re: Anthony John Clark et al.; Serial No. 10/572,975; For. EXCRETABLE REPORTER SYSTEMS

> Respectfully submitted, MYERS BIGEL SIBLEY & SAJOVEC

06/01/2007 11:13 FAX 5712730459

USPTO/PCT LEGAL

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RECEPTION OK

TX/RX NO

RECIPIENT ADDRESS

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